

FIG. 1

```

211
<Customer_A>
212
<Offer>
213
  <Items>
214
    <service_item>
215
      <Item_number> 1 </Item_number>
      <Computer_Programming>
216
        <Wireless_Device_Programming>
217
          <Protocol> WAP </Protocol>
          <Protocol> 802.11 </Protocol>
218
          <Device> Palm</Device>
          <Device> Handspring</Device>
          <Device> Ericsson </Device>
        </Wireless_Device_Programming>
219
        <Skill_level> High </Skill_level>
220
        <Number_of_Hours> 40.00 </Number_of_Hours>
        <Monetary_value Currency="USD" Priority=2>
221
        2000 </Monetary_value>
      </Computer_Programming>
    </service_item>
  </Items>
</Offer>

```

FIG. 2A

AUS920020025US1
20710

222
 <Need>
 223
 <Items>
 224
 <Choices>
 225
 <Choice Priority = 1>
 1 and 4
 </Choice>
 226
 <Choice Priority = 2>
 (2 and 3 and 4)
 </Choice>
 </Choices>
 227
 <Product_item Item_number = 1 Priority = 2>
 228
 <Furniture>
 229
 <Dining_Table>
 <Manufacturer> "E Allen" </Manufacturer>
 <Number_of_Chairs> 6 </Number_of_Chairs>
 <Model> Durango </Model>
 <Color> Cherry </Color>
 231
 <Monetary_value Currency="USD" Priority=3>
 1800 </Monetary_value>
 </Dining_Table>
 </Furniture>
 </Product_item>

FIG. 2B

AUS 92002 00251151
 30810

202
 237 238
 <Product_item Item_number = 2 Priority = 2>
 <Furniture>
 239 <Dining_Table>
 <Manufacturer> LackStore </Manufacturer>
 <Number_of_Chairs> 6 </Number_of_Chairs>
 <Model> Corona </Model>
 <Color> Brown </Color>
 241 <Monetary_value Currency="USD" Priority=1>
 1500 </Monetary_value>
 </Dining_Table>
 </Furniture>
 </Product_item> 247 248
 <Service_item Item_number = 3 Priority = 3>
 246 <Landscaping>
 <Service_Offered> Lawn-Mowing </Service_Offered>
 249 <Number_of_times> 10 </Number_of_times>
 251 <Monetary_value Currency="USD" Priority=1>
 300 </Monetary_value>
 </Landscaping>
 </Service_item>

FIG. 2C

AUS920020025451
 40710

202

256 / 259 / 257 258
<Product_item Item_number = 4 Priority = 1>
 <Merchandise>
 <Sports_cards>
 <Sport> Baseball </Sport>
 <Player> "Babe Ruth" </Player>
 261- <Monetary_value Currency="USD" Priority=3>
 200 </Monetary_value>
 </Sports_cards>
 </Merchandise>
 </Product_item>
</items>
</Need>
</Customer_A>

FIG. 2D

A115920020025451
50810

<Need>

<Choice Number = 1 Priority = MOST_DESIRABLE>

<Product_item Priority = DESIRABLE>

<Furniture>

<Dining_Table>

<Manufacturer> "E Allen" </Manufacturer>

<Number_of_Chairs> 6 </Number_of_Chairs>

<Model> Durango </Model>

<Color> Cherry </Color>

<Monetary_value Currency="USD" Priority=3>
1800 </Monetary_value>

</Dining_Table>

</Furniture>

</Product_item>

<Product_item Priority = MUST_HAVE>

<Merchandise>

<Sports_cards>

<Sport> Baseball </Sport>

<Player> "Babe Ruth" </Player>

<Monetary_value Currency="USD" Priority=3>
200 </Monetary_value>

</Sports_cards>

</Merchandise>

</Product_item>

</Choice>

FIG. 2E

A115920020025451

60710

281
282
283
284
<Choice Number = 2 Priority = LEAST_DESIRABLE>

<Product_item Priority = DESIRABLE>

<Furniture>

<Dining_Table>

<Manufacturer> LackStore </Manufacturer>

<Number_of_Chairs> 6 </Number_of_Chairs>

<Model> Corona </Model>

<Color> Brown </Color>

<Monetary_value Currency="USD" Priority=1>
1500 </Monetary_value>

</Dining_Table>

</Furniture>

</Product_item>

FIG. 2F

AUS920020025US1

78810

<Service_item Priority = LEAST_DESIRABLE>
 <Landscaping>
288 - <Service_Offered> Lawn-Mowing </Service_Offered>
 <Number_of_times> 10 </Number_of_times>
289 - <Monetary_value Currency="USD" Priority=1>
 300 </Monetary_value>
 </Landscaping>
</Service_item>
<Product_item Priority = MUST_HAVE>
 <Merchandise> 290
 <Sports_cards>
 <Sport> Baseball </Sport>
 <Player> "Babe Ruth" </Player>
291 - <Monetary_value Currency="USD" Priority=3>
 200 </Monetary_value>
 </Sports_cards>
 </Merchandise>
</Product_item>
</Choice>
</Need>

FIG. 2G

AUS920020025451
88710

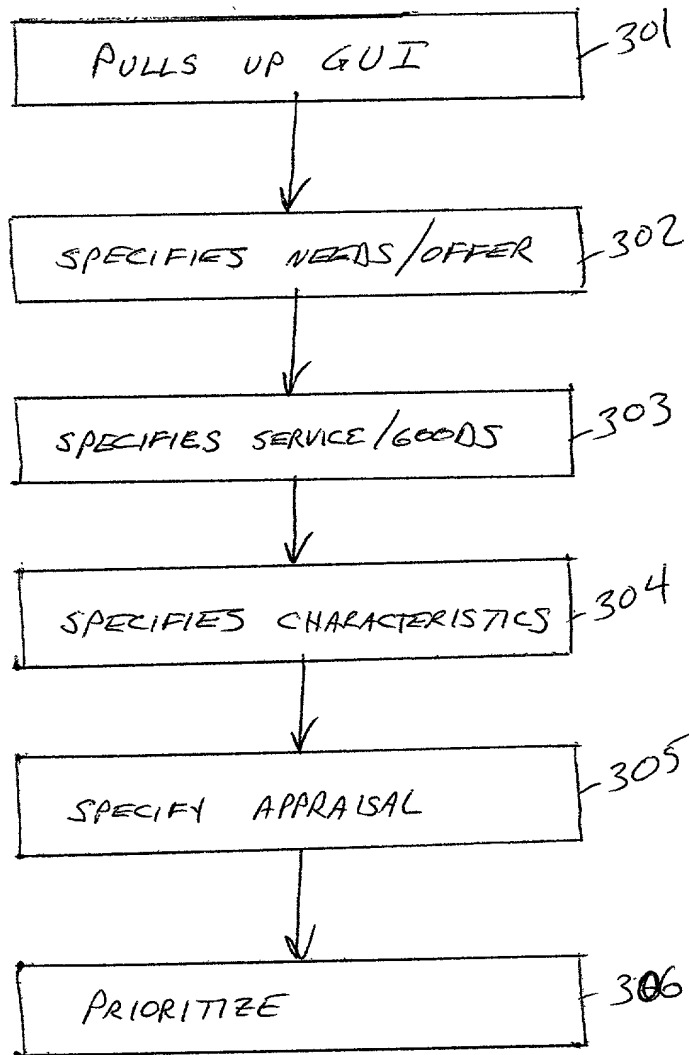


FIG. 3

AUS920020025451
98710

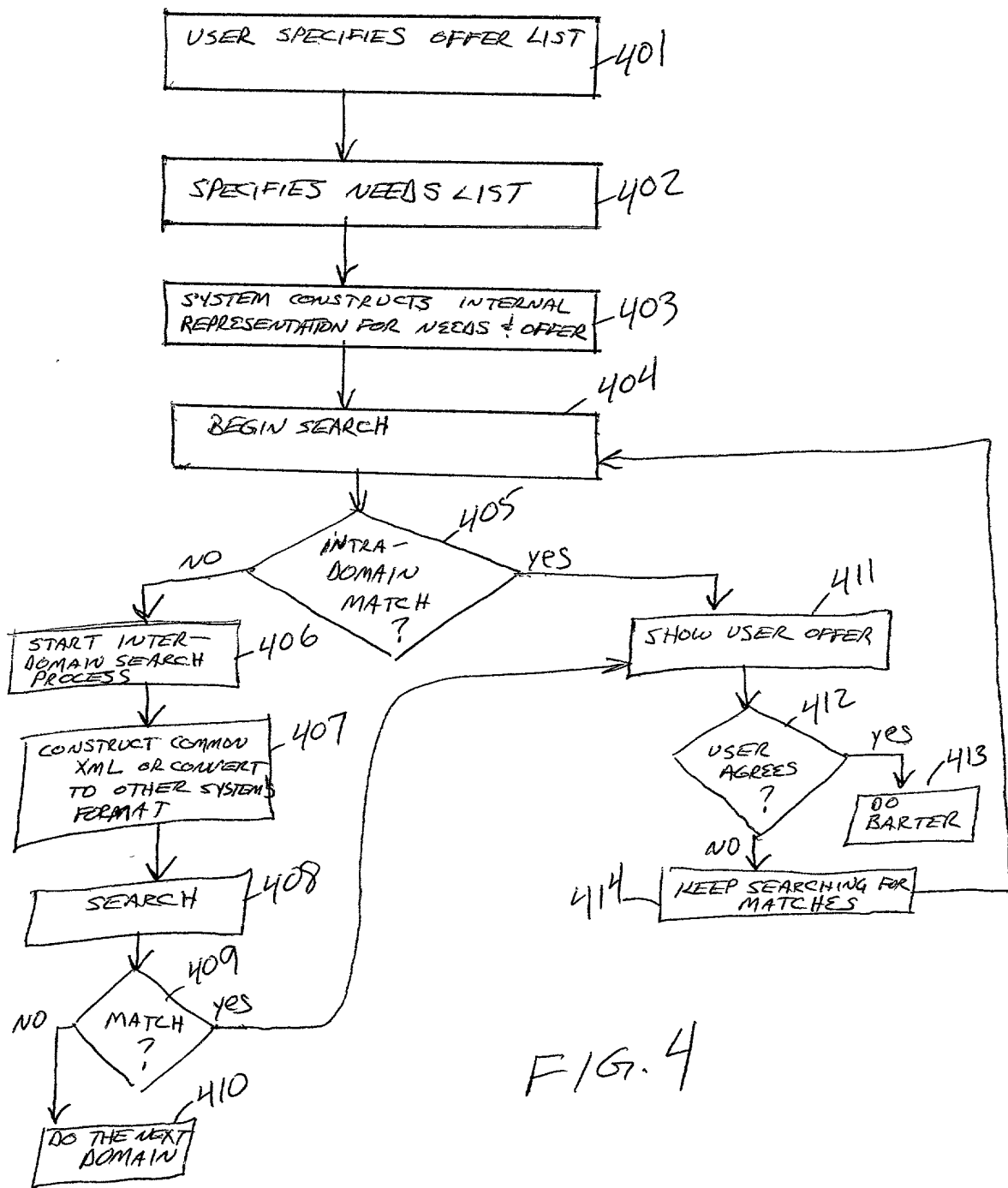


FIG. 4

AUS9200200254S1
10 07 10